

1677-241

9/17/2013

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## U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Antimicrobials Division (7510P)  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460

EPA Reg. Number:

1677-241

Date of Issuance:

SEP 17 2013

Term of Issuance:

**Conditional**

Name of Pesticide Product:

Hydrys

## NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration  
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Ted Head  
Ecolab, Inc.  
655 Lone Oak Drive  
Eagan, MN 55121

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

The application referred to above, submitted under the Federal Insecticide, Fungicide and Rodenticide Act, as amended is acceptable under FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

A stamped copy of your labeling is enclosed for your records. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling.

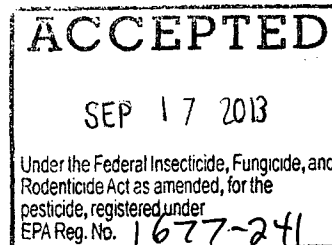
Signature of Approving Official:

PM Name  
Product Manager Team  
Regulatory Management Branch  
Antimicrobials Division (7510P)

Date:

SEP 17 2013

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# Hydris™

Disinfectant, Sanitizer, Virucide, Fungicide,  
Mildewcide, Bactericide, Cleaner,  
Deodorizer

## Active Ingredients:

Sodium Hypochlorite.....	0.0866%
Inert Ingredients.....	99.9134%
Total.....	<u>100.00%</u>

Available Chlorine: 0.0825% Free Available Chlorine FAC

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

### PRECAUTIONARY STATEMENTS

Harmful if absorbed through skin or swallowed Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

### PHYSICAL OR CHEMICAL HAZARDS

Mixing this product with acid or ammonia will release chlorine gas.

Do not mix solution with other cleaning products.

Do not use solution with acidic toilet-bowl cleaners, or bathroom/shower cleaning products.

Do not use solution on wool or natural carpet fibers.

## FIRST AID

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

**If on skin:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**If swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

## DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Solution(s) are efficacious for up to 7 days from filling. After 7 days, empty and refill with fresh solution. Always use a clean Hydris™ spray bottle when filling this product.

Solution can be used immediately or stored in a closed Ecolab approved container in a cool, dark area for a period of 5 months. Once opened within this time period, the solution must be used immediately.

**Hydris™ Disinfectant Cleaner** is intended for use in commercial, institutional and hospitality housekeeping. It cleans, deodorizes and kills germs in one step.

**Hydris™ Disinfectant Cleaner** is an activated aqueous solution of sodium hypochlorite produced by passing a brine solution through an electrolytic cell and changing the properties of the salt water into an oxidizing agent exhibiting antimicrobial properties. The **Hydris™ Disinfectant Cleaner** is dispensed by the Ecolab Hydris dispenser at both 825 ppm Free Available Chlorine and 260 ppm Free Available Chlorine as noted on the dispenser. No further dilution is required.

**Hydris™ Disinfectant Cleaner** is designed for use in

- Hotel/motel housekeeping

- Commercial building routine cleaning of hard surfaces and floors.

- Schools, universities, and campus routine, daily cleaning of hard surfaces and floors.

- Cleaning high-touch surfaces such as door handles, tabletops, countertops, television remote-controls, headboards, doorknobs, etc.

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Deodorizing areas in restrooms and toilet areas, behind and under sinks and counters, garbage containers, urinals, floors and other hard surfaces.

Cleaning and disinfecting hospitals, assisted living facilities, long term care centers, nursing homes and medical clinics.

Spray solution onto hard, non-porous surface, thoroughly wetting surfaces, Hold sprayer 6-8 inches from the surface. Spread solution with a disposable, cotton or microfiber wipe, sponge, or cloth. Allow surface to remain wet for time indicated. No rinsing necessary.

**BACTERICIDAL / DISINFECTANT** in 5 minutes at 866 ppm sodium hypochlorite (825 ppm Free Available Chlorine) against the following pathogenic bacteria according to the AOAC Germicidal Spray Test in the presence of 5% blood serum when solution is sprayed onto hard, non-porous surfaces against the following pathogenic bacteria.

*Acinetobacter baumannii* (ATCC 19606), *Acinetobacter baumannii* (MDR) (ATCC BAA-1605), *Escherichia coli* (ATCC 11229), *Klebsiella pneumonia* (ATCC 4352), *Pseudomonas aeruginosa* (ATCC 15442), *Salmonella enterica* (ATCC 10708), *Serratia marcescens* (ATCC 14756), *Shigella flexneri* (ATCC 9380), *Staphylococcus aureus* (ATCC 6538), *Staphylococcus aureus* (VISA) (ATCC 700788), *Staphylococcus aureus* (CA-MRSA) (ATCC BAA - 1683), *Staphylococcus aureus* (MRSA) (ATCC 33592), *Klebsiella pneumonia* (Carapenum-resistant) (ATCC BAA-1705), *Enterobacter aerogenes* (ATCC 13048), *Enterococcus faecalis* (ATCC 29212), *Streptococcus pyogenes* (ATCC 19615), *Shigella dysenteriae* (ATCC 29026), *Listeria Monocytogenes* (ATCC 7644).

**BACTERICIDAL / DISINFECTANT** in 10 minutes at 866 ppm sodium hypochlorite (825 ppm Free Available Chlorine) against the following pathogenic bacteria in the presence of 5% blood serum when solution is sprayed onto hard, non-porous surfaces against the following pathogenic bacteria.

*Enterococcus faecalis* (VRE) (ATCC 51299) and *Escherichia coli* 0157:H7 (ATCC 43895)

**NON-FOOD CONTACT SURFACE SANITIZING** in 1 minutes 866 ppm sodium hypochlorite (825 ppm Free Available Chlorine) against the following pathogenic bacteria in the presence of 5% blood serum.

*Staphylococcus aureus* (ATCC 6538), *Enterobacter aerogenes* (ATCC 13048).

**NON-FOOD CONTACT SURFACE SANITIZING** in 4 minutes at 273 ppm sodium hypochlorite (260 Free Available Chlorine) in 250 ppm hard water against the following pathogenic bacteria in the presence of 5% blood serum.

*Staphylococcus aureus* (ATCC 6538), *Enterobacter aerogenes* (ATCC 13048).

**VIRUCIDAL** in 30 seconds at 866 ppm sodium hypochlorite (825 ppm Free Available Chlorine) against the following viruses in the presence of 5% blood serum on hard, non-porous surfaces against the following organisms.

Influenza A virus H1N1 Strain (ATCC VR-1736), Norovirus (Feline Calicivirus, strain F-9 ATCC VR-782 as Surrogate), Murine Norovirus (Strain MNV-1.CW1), Rhinovirus type 37, strain 151-1 (ATCC VR-1147), Herpes Simplex Virus Type I (ATCC VR-733 Strain F), Herpes Simplex Virus Type II (ATCC VR-734, Strain G), HIV-1 (Strain HTLV-III<sub>B</sub>).

**VIRUCIDAL** in 30 seconds at 273 ppm sodium hypochlorite (260 ppm Free Available Chlorine) against the following viruses in the presence of 5% blood serum and 400 ppm hard water on hard, non-porous surfaces against the following organisms.

Rhinovirus type 37, strain 151-1 (ATCC VR-1147), Norovirus (Feline Calicivirus, strain F-9 ATCC VR-782 as Surrogate), Influenza A virus H1N1 Strain (ATCC VR-1736),

**VIRUCIDAL** in 5 minutes at 866 ppm sodium hypochlorite (825 ppm Free Available Chlorine) against the following viruses in the presence of 5% blood serum on hard, non-porous surfaces against the following organisms.

Adenovirus Type 5 (ATCC VR-5), Hepatitis B Virus (HBV), Human Coronavirus (ATCC VR-740), Respiratory Syncytial Virus (RSV) (ATCC VR-26), Rotavirus (Strain WA), Vaccinia Virus (ATCC VR-119).

**FUNGICIDAL** in 10 minutes at 866 ppm sodium hypochlorite 825 ppm Free Available Chlorine) according to the AOAC Fungicidal Test in the presence of 5% blood serum on hard, non-porous surfaces against *Trichophyton mentagrophytes* (ATCC 9533), and *Aspergillus niger* (ATCC 6275).

**DEODORIZER** Apply solution with sprayer, cloth, mop, auto-scrubber, or carpet extractor to surfaces harboring odor-causing bacteria.

## **STORAGE & DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store this product in a cool, dry area, away from direct sunlight and heat.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** RESIDUE REMOVAL INSTRUCTIONS: For containers less than 5 gallons. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill container  $\frac{1}{4}$  full with water and recap. Shake 10 seconds. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times.

**Non-refillable container.** Do not reuse this container to hold materials other than pesticides or diluted pesticide rinsate. Offer for recycling if available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities.

Net Contents:

Manufactured by:  
Ecolab Inc.  
370 N. Wabasha Street  
St. Paul, MN 55102

EPA Reg. No. 1677-[pending]  
EPA Est. No.: 1677-MN-1 (P), 60156-IL-1 (SI), 1677-CA-2 (R),  
1677-TX-1 (D), 1677-OH-1 (H), 1677-IL-2 (J), 5389-NC-(G)  
1677-CA-1 (S), 1677-GA-1 (M), 1677-WV-1 (V),

58046-TX-2 (X)

Superscript refers to first letter of date code

### Optional Marketing Language

- Cleans every day dirt and soils from surfaces
- Deodorizes – or - Deodorizer
- Easy to use
- Eliminates odors
- Eliminates odors caused by [bacteria] [germs] [mildew]
- Leaves [bathroom(s)] [restroom(s)] [locker room(s)] [surfaces][ clean and] sanitary
- Leaves behind a fresh clean smell – or - fragrance
- Low odor [formula – or- profile]
- No PPE [Personal Protective Equipment] required
- No rinsing necessary
- One-step cleaner [and disinfectant]
- Removes –or- eliminates odors [at the source]
- Streak-free [formula –or- clean]
- Effective against odor causing bacteria
- [This product is] VOC [Volatile Organic Compounds] compliant
- [This product] Contains no NPEs [Nonylphenol ethoxylates]
- [This product is] Phosphate free
- Leaves surfaces sanitized
- Sanitizer
- Sanitizes surfaces
- Sanitizes hard, nonporous surfaces
- Antibacterial [action]
- Bacteria-fighting - or – Germ-fighting formula
- Bactericide – or Bactericidal
- Restroom – or- bathroom disinfectant
- Broad spectrum disinfectant [cleaner]
- Cleans and disinfects
- Cleans and disinfects within 5 minutes Cleaner and disinfectant in one
- Cleans – and/or – disinfects [bathroom] [school] [classroom] [restroom] [locker room] [office] [work – or- office place] [environment] [place] [surfaces] [floors] [table – or- desk tops] [hard surfaces] [railings] -and/or- deodorizes
- Disinfects
- Disinfects and deodorizes by killing common [germs – or – bacteria] and controlling their odors

- Disinfects as it cleans
- Disinfects nonporous [hard] surfaces
- Easily [cleans] [deodorizes] [sanitizes] [disinfects]
- [Effective] disinfectant [in the presence of 5% serum load – or – organic soil]
- Germicide – or Germicidal
- Institutional disinfectant
- Kill[s] – and/or – eliminate[s] – and/or - disinfect[s] –and/or – destroy[s] [the] cold virus – and/or – flu virus – and/or – cold and flu virus[es] – and/or viruses that can cause cold - and/or flu
- Kill[s] – and/or – eliminate[s] – and/or - disinfect[s] – and/or- and/or – destroy[s] Methicillin-resistant Staphylococcus aureus [(MRSA)] –and/or – Community Acquired Methicillin-resistant Staphylococcus aureus [(CA-MRSA)]
- Kills cold and flu virus
- Kills germs while it cleans
- Kills Pandemic 2009 H1N1 Influenza A virus [(formerly called swine flu)]
- Multipurpose disinfectant
- One-step cleaner [and disinfectant]
- Antifungal
- Fungicidal –or- Fungicide
- Kills mold and mildew
- Kills athlete's foot fungus
- Mildewcidal –or- Mildewcide
- Removes –and/or – cuts through – and/or- tough on mold –and/or mildew
- Disinfectant
- Non-Food Contact Sanitizer
- Effective in the Presence of 5% organic soil Contamination
- One-step Disinfectant/Cleaner
- One-step Sanitizer/Cleaner
- One-step Germicidal Cleaner and Deodorant
- Hospital Disinfectant
- Sanitizer
- Effective in the Presence of 5% organic soil contamination
- One-step Sanitizer/Cleaner
- One-step Germicidal Cleaner and Deodorant
- Effective One-step Sanitizer/Cleaner in hard water up 250 ppm hardness.
- Commercial building routine cleaning of hard surfaces, including glass/mirror surfaces, and floors.
- Schools, universities, and campus routine, daily cleaning of hard surfaces and floors.
- Cleaning high-touch surfaces such as door handles, tabletops, countertops, television remote-controls, headboards, doorknobs, etc.



- Deodorizing areas in restrooms and toilet areas, behind and under sinks and counters, garbage containers, urinals, floors and other hard surfaces.
- Commercial building routine cleaning of hard surfaces, and floors.
- Schools, universities, and campus routine, daily cleaning of hard surfaces and floors.
- Deodorizing areas in restrooms and toilet areas, behind and under sinks and counters, garbage containers, urinals, floors and other hard surfaces.

**USE LOCATIONS:** [Where to use this product] [For use around – or- in –or- throughout the]

- Assisted Living Facilities
- Athletic Facility[Facilities]
- Bathroom[s]
- Business[es]
- Commercials Building[s]
- Daycare Center[s] –or- Childcare Center[s]
- Fitness Center[s]
- Government Building[s]
- Health Club[s]
- Healthcare [facilities]
- Hospital[s]
- Hotel[s]
- Institutions
- Laboratories
- Lodging
- Locker Room[s]
- Long Term Care Center[s]
- Medical Facilities
- Motel[s]
- Office[s] [Buildings]
- Patient Care Area[s]
- Recreational Center[s] –or- Facility [Facilities]
- Retail Center[s]
- School[s] –an/or University[Universities] – and/or- Colleges

**USE SITES:** [For] Use on [hard,] [nonporous surface] – or - The product will not damage-or- harm

- [Bath] Tubs
- [Classroom] Desks
- Countertops
- Counter[s]
- Diaper Changing Table[s]
- Diaper Pail[s]
- [Door] Knobs
- Elevator[s]
- Fixture[s]
- Examination Tables –and/or- Beds
- Floors
- Glass –and/or- Mirror Surfaces
- Hard [Non-porous] Surfaces
- High-Touch Point[s]
- Patient Bed[s] –and/or Rail[s]
- [Play] Tables[s] –and/or- Stations
- Shower Curtain[s]
- Shower stall[s]
- Shower[s]
- Sink[s]
- Table[s]
- Toilet[s]
- Urinal[s]
- [Water] [Drinking] Fountain
- [Washable] Chair[s]
- [Washable] Walls

**USE SURFACES:**

- ABS [Acrylonitrile butadiene styrene] [plastic]

- Aluminum
- [Brushed] [Polished] Nickel
- [Brushed] Bronze
- Carpet (50 ppm FAC –or- 52 ppm sodium hypochlorite solution only), test in an inconspicuous spot first
- Glass
- Sealed Granite
- Hard, non-porous surfaces –or environmental surfaces
- Limestone
- Melamine
- Mirror
- [Polished] Chrome
- Polyacrylic
- Polycarbonate
- Polyethylene
- Polypropylene
- Slate
- Stainless Steel [304]
- Terrazzo
- To avoid possibility of discoloration, avoid prolonged contact of the 825 ppm FAC or 866 ppm sodium hypochlorite solution with certain metals (such as brass, steel), and marble surfaces.